

9/14/02

| Time  | V (%) | I (A) | T (°C) | $\rho$ (Torr)          | Comments        |
|-------|-------|-------|--------|------------------------|-----------------|
| 8:15  | 0     | 0     | 94.0   | $< 1.0 \times 10^{-3}$ | Heating (875°F) |
| 10:00 | 30    | 1.95  | 113.0  | $< 1.0 \times 10^{-3}$ | vac. deposit on |
| 10:45 | 90    | 1.95  | 123.0  | $< 1.0 \times 10^{-3}$ | vac. deposit on |
| 11:00 | 0     | 0     | 123.0  | $< 1.0 \times 10^{-3}$ |                 |

$m_1 = 8.5239 \text{ g}$ ;  $m_2 = 1.4499 \text{ g}$ ;  $t_h = 146, 140, 144, 150, 146$   
 $t_{th} = 145 \pm 3 \text{ min}$ ;  $\langle \rho \rangle = 5.1 \text{ (g/cm}^3)$   
 $(\text{th}/t) = 193 \text{ (min/hr)}$   
 $(\text{th}/t) = 193 \text{ (min/hr)}$

9/17/02  
8:10

| Time  | V (%) | I (A) | T (°C) | $\rho$ (Torr)          | Comments        |
|-------|-------|-------|--------|------------------------|-----------------|
| 8:30  | 0     | 0     | 94.0   | $< 1.0 \times 10^{-3}$ | Heating (875°F) |
| 10:00 | 30    | 1.90  | 114.0  | $< 1.0 \times 10^{-3}$ | vac. deposit on |
| 11:00 | 0     | 0     | 112.0  | $< 1.0 \times 10^{-3}$ | vac. deposit on |

$m_1 = 36.1949 \text{ g}$ ;  $m_2 = 5.8899 \text{ g}$ ;  $t_h = 170, 141, 144, 146, 148$   
 $t_{th} = 170, 141, 144, 146, 148$   
 $t_{th} = 170 \pm 9 \text{ min}$ ;  $\langle \rho \rangle = 4.5 \text{ (g/cm}^3)$   
 $(\text{th}/t) = 193 \text{ (min/hr)}$   
 $(\text{th}/t) = 193 \text{ (min/hr)}$

9/18/02

| Time  | V (%) | I (A) | T (°C) | $\rho$ (Torr)          | Comments        |
|-------|-------|-------|--------|------------------------|-----------------|
| 8:30  | 0     | 0     | 94.0   | $< 1.0 \times 10^{-3}$ | Heating (875°F) |
| 10:00 | 30    | 1.95  | 120.0  | $< 1.0 \times 10^{-3}$ | vac. deposit on |
| 11:00 | 0     | 0     | 117.0  | $< 1.0 \times 10^{-3}$ | vac. deposit on |

$m_1 = 39.0923 \text{ g}$ ;  $m_2 = 5.8012 \text{ g}$ ;  $t_h = 170, 141, 144, 146, 148$   
 $t_{th} = 170, 141, 144, 146, 148$   
 $t_{th} = 170 \pm 9 \text{ min}$ ;  $\langle \rho \rangle = 4.5 \text{ (g/cm}^3)$   
 $(\text{th}/t) = 193 \text{ (min/hr)}$   
 $(\text{th}/t) = 193 \text{ (min/hr)}$

9/19/02

| Time  | V (%) | I (A) | T (°C) | $\rho$ (Torr)          | Comments        |
|-------|-------|-------|--------|------------------------|-----------------|
| 8:30  | 0     | 0     | 94.0   | $< 1.0 \times 10^{-3}$ | Heating (875°F) |
| 10:00 | 30    | 1.95  | 111.0  | $< 1.0 \times 10^{-3}$ | vac. deposit on |
| 11:00 | 0     | 0     | 109.0  | $< 1.0 \times 10^{-3}$ | vac. deposit on |

$m_1 = 39.0923 \text{ g}$ ;  $m_2 = 5.8012 \text{ g}$ ;  $t_h = 170, 141, 144, 146, 148$   
 $t_{th} = 170, 141, 144, 146, 148$   
 $t_{th} = 170 \pm 9 \text{ min}$ ;  $\langle \rho \rangle = 4.5 \text{ (g/cm}^3)$   
 $(\text{th}/t) = 193 \text{ (min/hr)}$   
 $(\text{th}/t) = 193 \text{ (min/hr)}$

9/30/02

| Time  | V (%) | I (A) | T (°C) | $\rho$ (Torr)          | Comments        |
|-------|-------|-------|--------|------------------------|-----------------|
| 8:15  | 0     | 0     | 94.0   | $< 1.0 \times 10^{-3}$ | Heating (875°F) |
| 10:00 | 30    | 1.95  | 106.0  | $< 1.0 \times 10^{-3}$ | vac. deposit on |
| 11:00 | 0     | 0     | 104.0  | $< 1.0 \times 10^{-3}$ | vac. deposit on |

$m_1 = 9.0103 \text{ g}$ ;  $m_2 = 1.6349 \text{ g}$ ;  $t_h = 108, 102, 104, 106, 108$   
 $t_{th} = 108, 102, 104, 106, 108$   
 $t_{th} = 108 \pm 11 \text{ min}$ ;  $\langle \rho \rangle = 4.5 \text{ (g/cm}^3)$   
 $(\text{th}/t) = 193 \text{ (min/hr)}$   
 $(\text{th}/t) = 193 \text{ (min/hr)}$

9/30/02

| Time  | V (%) | I (A) | T (°C) | $\rho$ (Torr)          | Comments        |
|-------|-------|-------|--------|------------------------|-----------------|
| 8:30  | 0     | 0     | 94.0   | $< 1.0 \times 10^{-3}$ | Heating (875°F) |
| 10:00 | 30    | 1.95  | 108.0  | $< 1.0 \times 10^{-3}$ | vac. deposit on |
| 11:00 | 0     | 0     | 104.0  | $< 1.0 \times 10^{-3}$ | vac. deposit on |

$m_1 = 9.3840 \text{ g}$ ;  $m_2 = 1.9614 \text{ g}$ ;  $t_h = 108, 102, 104, 106, 108$   
 $t_{th} = 108, 102, 104, 106, 108$   
 $t_{th} = 108 \pm 11 \text{ min}$ ;  $\langle \rho \rangle = 4.5 \text{ (g/cm}^3)$   
 $(\text{th}/t) = 193 \text{ (min/hr)}$   
 $(\text{th}/t) = 193 \text{ (min/hr)}$

9/30/02

| Time  | V (%) | I (A) | T (°C) | $\rho$ (Torr)          | Comments        |
|-------|-------|-------|--------|------------------------|-----------------|
| 8:30  | 0     | 0     | 94.0   | $< 1.0 \times 10^{-3}$ | Heating (875°F) |
| 10:00 | 30    | 1.95  | 104.0  | $< 1.0 \times 10^{-3}$ | vac. deposit on |
| 11:00 | 0     | 0     | 104.0  | $< 1.0 \times 10^{-3}$ | vac. deposit on |

$m_1 = 8.6450 \text{ g}$ ;  $m_2 = 1.3540 \text{ g}$ ;  $t_h = 108, 102, 104, 106, 108$   
 $t_{th} = 108, 102, 104, 106, 108$   
 $t_{th} = 108 \pm 11 \text{ min}$ ;  $\langle \rho \rangle = 4.5 \text{ (g/cm}^3)$   
 $(\text{th}/t) = 193 \text{ (min/hr)}$   
 $(\text{th}/t) = 193 \text{ (min/hr)}$

9/30/02

| Time  | V (%) | I (A) | T (°C) | $\rho$ (Torr)          | Comments        |
|-------|-------|-------|--------|------------------------|-----------------|
| 8:30  | 0     | 0     | 94.0   | $< 1.0 \times 10^{-3}$ | Heating (875°F) |
| 10:00 | 30    | 1.95  | 104.0  | $< 1.0 \times 10^{-3}$ | vac. deposit on |
| 11:00 | 0     | 0     | 104.0  | $< 1.0 \times 10^{-3}$ | vac. deposit on |

$m_1 = 8.4044 \text{ g}$ ;  $m_2 = 1.3415 \text{ g}$ ;  $t_h = 108, 102, 104, 106, 108$   
 $t_{th} = 108, 102, 104, 106, 108$   
 $t_{th} = 108 \pm 11 \text{ min}$ ;  $\langle \rho \rangle = 4.5 \text{ (g/cm}^3)$   
 $(\text{th}/t) = 193 \text{ (min/hr)}$   
 $(\text{th}/t) = 193 \text{ (min/hr)}$